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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER HO-P02924US1
		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/585056
INTERNATIONAL APPLICATION NO. PCT/SE2004/002030	INTERNATIONAL FILING DATE 29 December 2004	PRIORITY DATE CLAIMED 2 January 2004
TITLE OF INVENTION LARGE SCALE SURFACE MODIFICATION OF MICROFLUIDIC DEVICES		
APPLICANT(S) FOR DO/EO/US Gosta Somdal		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input checked="" type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13 ter .2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/585056	INTERNATIONAL APPLICATION NO. PCT/SE2004/002030	ATTORNEY'S DOCKET NUMBER HO-P02924US1		
20. <input checked="" type="checkbox"/> Other items or information: Marked up version of Substitute Specification; Drawings (3 pages, 3 Figures); Return Receipt Postcard				
The following fees have been submitted		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">CALCULATIONS</th> <th style="width: 50%;">PTO USE ONLY</th> </tr> </table>	CALCULATIONS	PTO USE ONLY
CALCULATIONS	PTO USE ONLY			
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 300.00</td> <td style="width: 50%;"></td> </tr> </table>	\$ 300.00	
\$ 300.00				
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 200.00</td> <td style="width: 50%;"></td> </tr> </table>	\$ 200.00	
\$ 200.00				
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 500.00</td> <td style="width: 50%;"></td> </tr> </table>	\$ 500.00	
\$ 500.00				
TOTAL OF 21, 22 and 23 =		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 1,000.00</td> <td style="width: 50%;"></td> </tr> </table>	\$ 1,000.00	
\$ 1,000.00				
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		
- 100 =	/50 =	x \$250.00		
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 130.00</td> <td style="width: 50%;"></td> </tr> </table>	\$ 130.00	
\$ 130.00				
CLAIMS	NUMBER FILED	NUMBER EXTRA		
Total claims	18 - 20 =	x		
Independent claims	1 - 3 =	x		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+		
TOTAL OF ABOVE CALCULATIONS =		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 1,130.00</td> <td style="width: 50%;"></td> </tr> </table>	\$ 1,130.00	
\$ 1,130.00				
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				
SUBTOTAL =		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 1,130.00</td> <td style="width: 50%;"></td> </tr> </table>	\$ 1,130.00	
\$ 1,130.00				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$</td> <td style="width: 50%;"></td> </tr> </table>	\$	
\$				
TOTAL NATIONAL FEE =		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 1,130.00</td> <td style="width: 50%;"></td> </tr> </table>	\$ 1,130.00	
\$ 1,130.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$</td> <td style="width: 50%;"></td> </tr> </table>	\$	
\$				
TOTAL FEES ENCLOSED =		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">\$ 1,130.00</td> <td style="width: 50%;"></td> </tr> </table>	\$ 1,130.00	
\$ 1,130.00				
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Amount to be refunded:</td> <td style="width: 50%;">\$</td> </tr> </table>	Amount to be refunded:	\$
Amount to be refunded:	\$			
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Amount to be charged</td> <td style="width: 50%;">\$</td> </tr> </table>	Amount to be charged	\$
Amount to be charged	\$			

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- AP20 Rec'd PCT/PTO 30 JUN 2006**
- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 06-2375 in the amount of \$ 1,130.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-2375. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:


SIGNATURE

Melissa W. Acosta, Ph.D.
NAME

CUSTOMER NUMBER: 26271

45,872
REGISTRATION NUMBER

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FEE TRANSMITTAL For FY 2006		Complete if Known	
		Application Number	Not Yet Assigned 10/25/05 85056
		Filing Date	Concurrently Herewith
		First Named Inventor	Gosta Sorndal
		Examiner Name	Not Yet Assigned
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	N/A
TOTAL AMOUNT OF PAYMENT (\$) 1,130.00		Attorney Docket No.	HO-P02924US1

METHOD OF PAYMENT (check all that apply)

☐ Check
 ☐ Credit Card
 ☐ Money Order
 ☐ None
 ☐ Other (please identify): _____

☒ Deposit Account
 Deposit Account Number: 06-2375
 Deposit Account Name: Fulbright & Jaworski L.L.P.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17
 ☒ Credit any overpayments

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims
 18 - 20 = x = Fee (\$) Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)
 1 - 3 = x =

HP = highest number of independent claims paid for, if greater than 3.

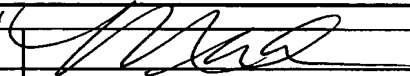
3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____ / 50 (round up to a whole number) x _____ = _____		

4. OTHER FEE(S)

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge):	
1631 Basic National Stage fee	300.00
1633 National Stage Examination Fee - all other ...	200.00
1632 National Stage Search Fee - all other situations	500.00
1617 Search fee, examination fee or oath or ...	130.00

SUBMITTED BY		Registration No.	45,872	Telephone	(713) 651-5407
Signature		(Attorney/Agent)		Date	June 30, 2006
Name (Print/Type)	Melissa W. Acosta, Ph.D.				

10/585056

1AP20 Rec'd PCT/PTO 30 JUN 2006

Application No. (if known): Not Yet Assigned

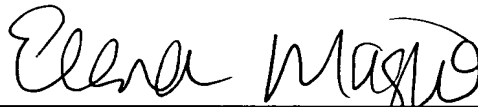
Attorney Docket No.: HO-P02924US1

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV678185119US in an envelope addressed to:

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on June 30, 2006
Date



Signature

Elena M. Maglito

Typed or printed name of person signing Certificate

Registration Number, if applicable

(713) 651-5253
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (3 pages)
Fee Transmittal (1 page)
Application Data Sheet (2 pages)
Preliminary Amendment (7 pages)
Substitute specification (25 pages)
Marked up version of substitute specification (25 pages)
Drawings (3 pages, 3 figures)
Charge \$1,130.00 to deposit account 06-2375
Return postcard